

FIG. 1

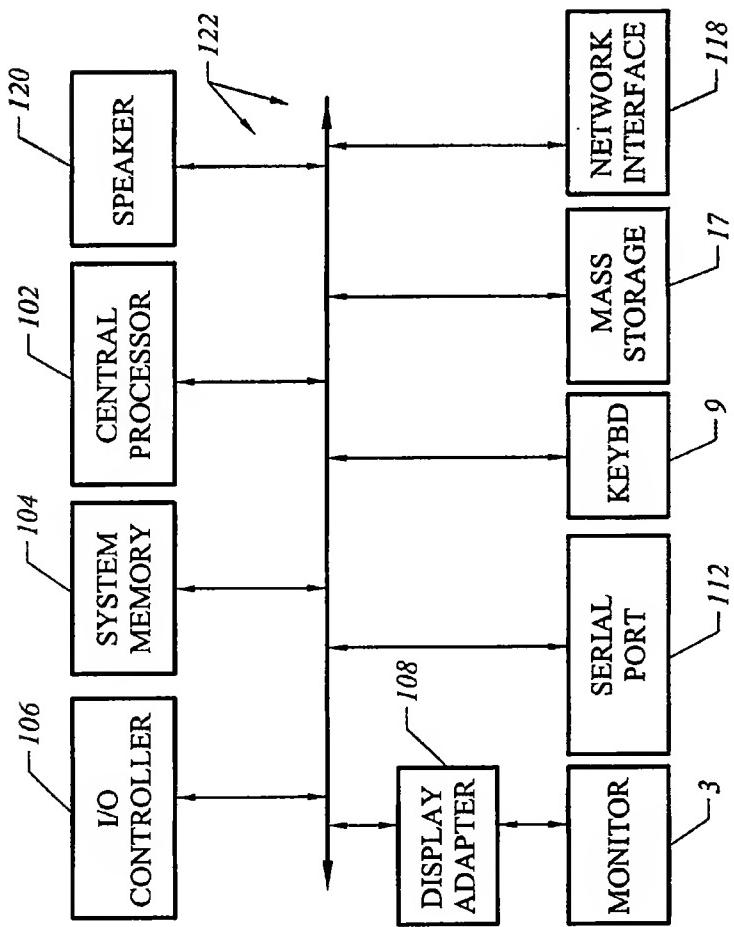


FIG. 2

Solution Flow

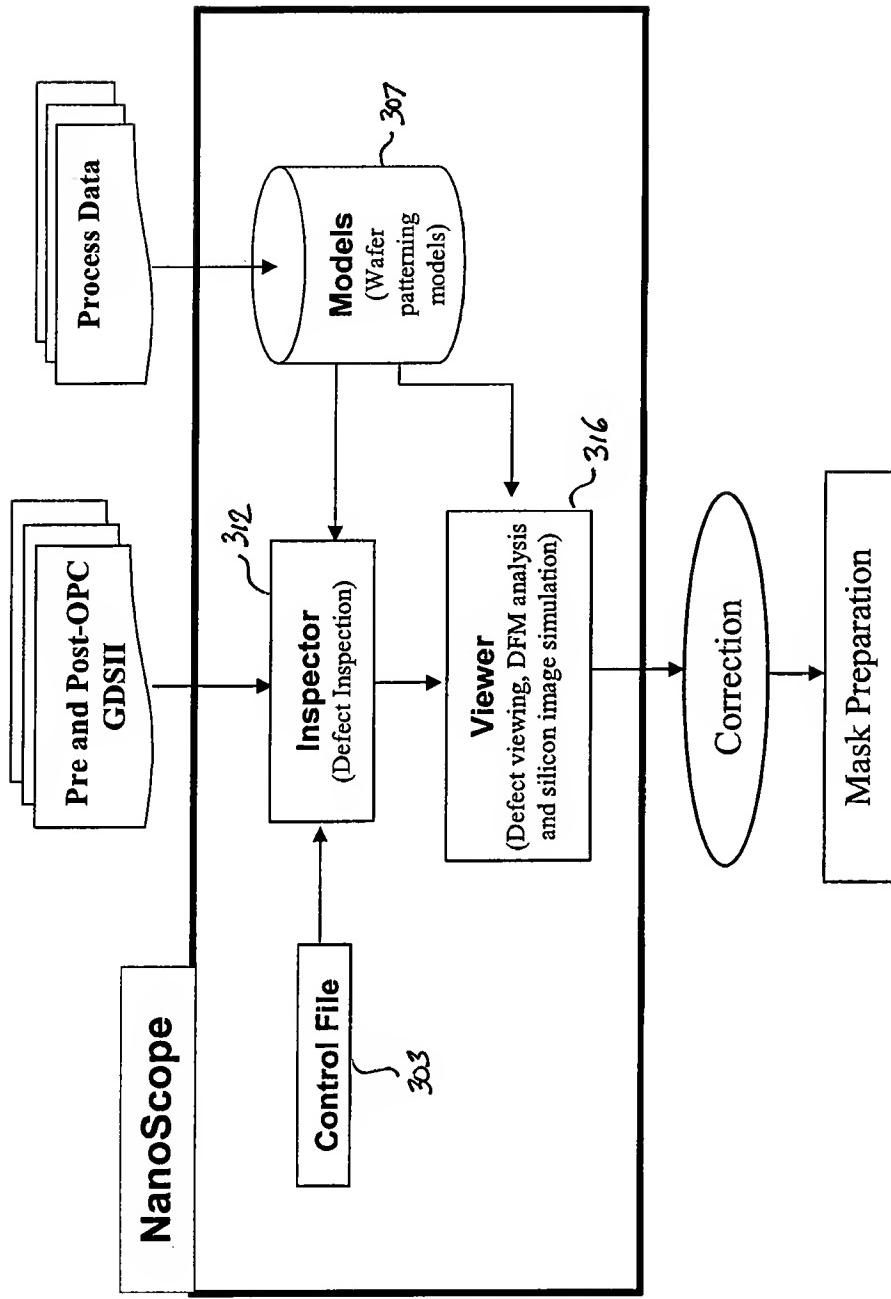


FIGURE 3

Overall flowchart

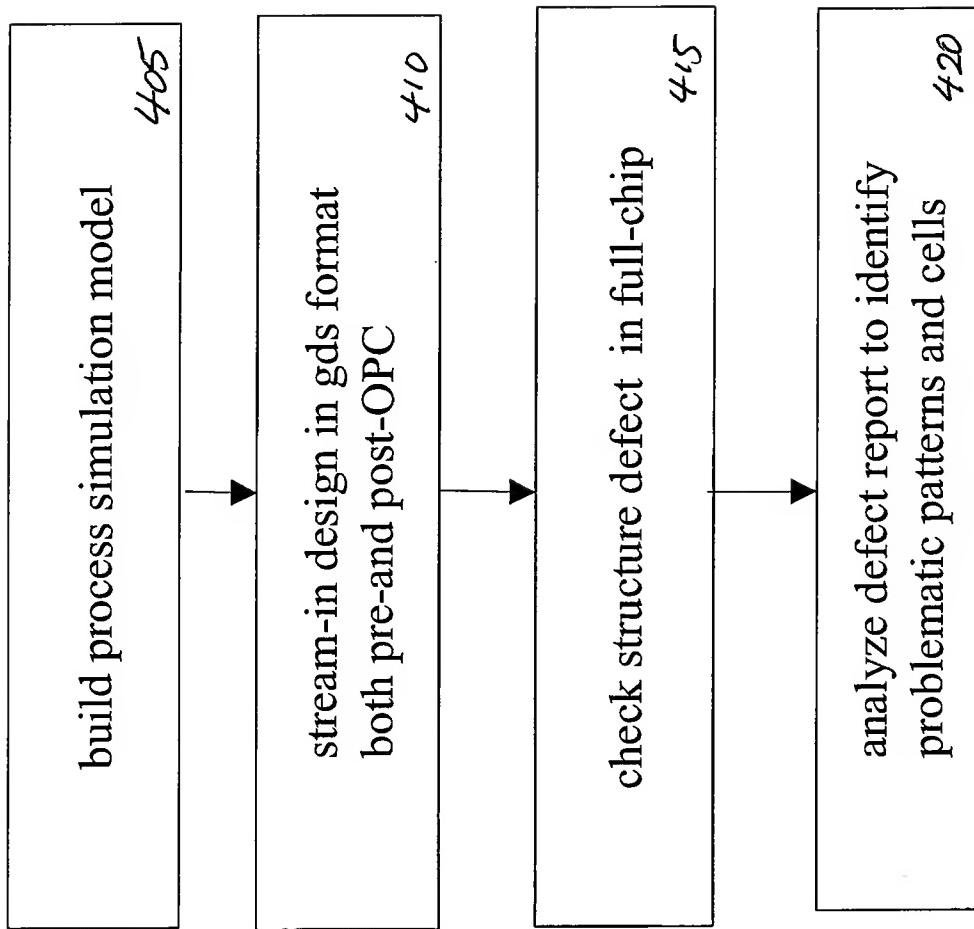


FIGURE 4

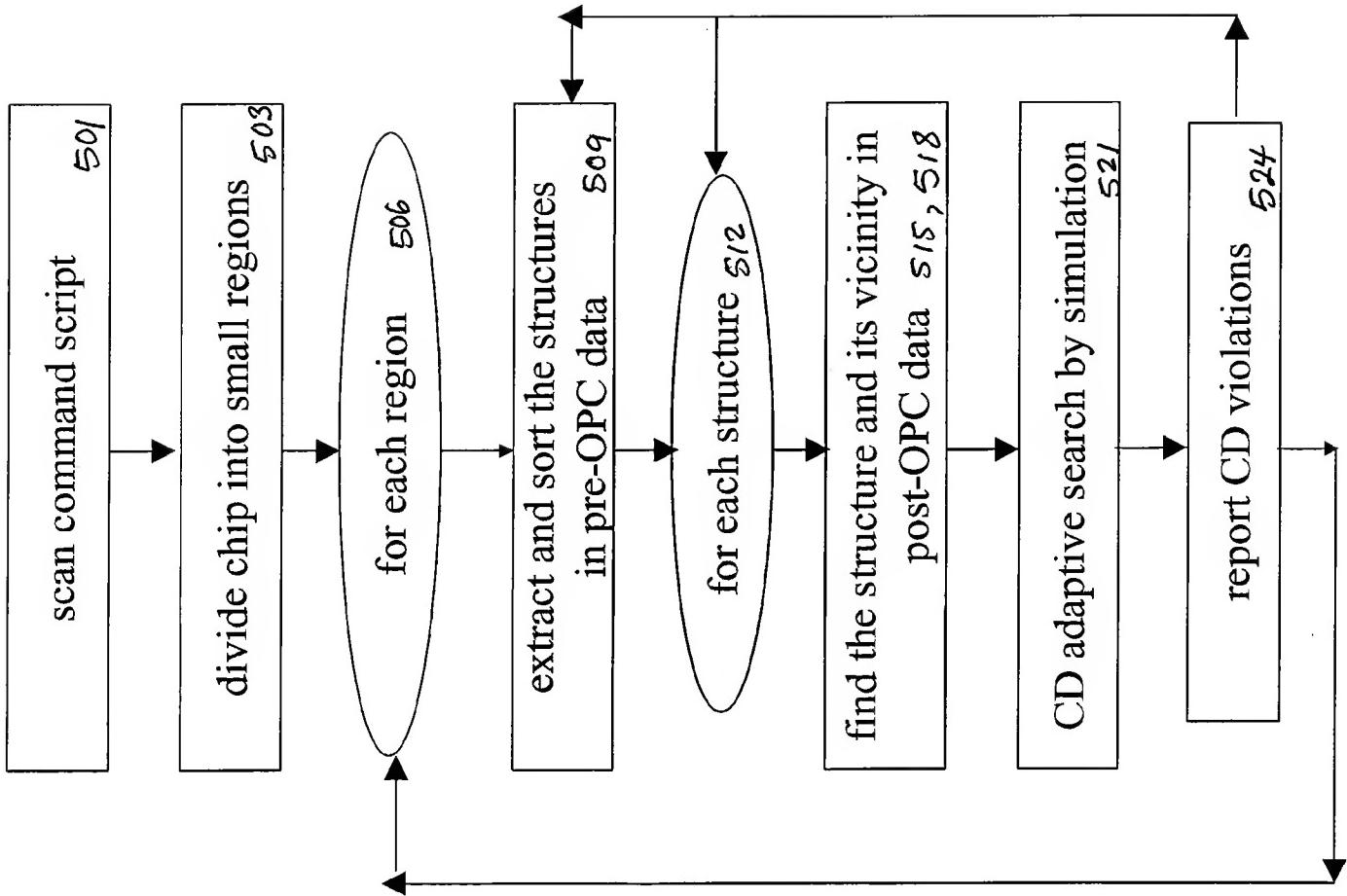


FIGURE 5

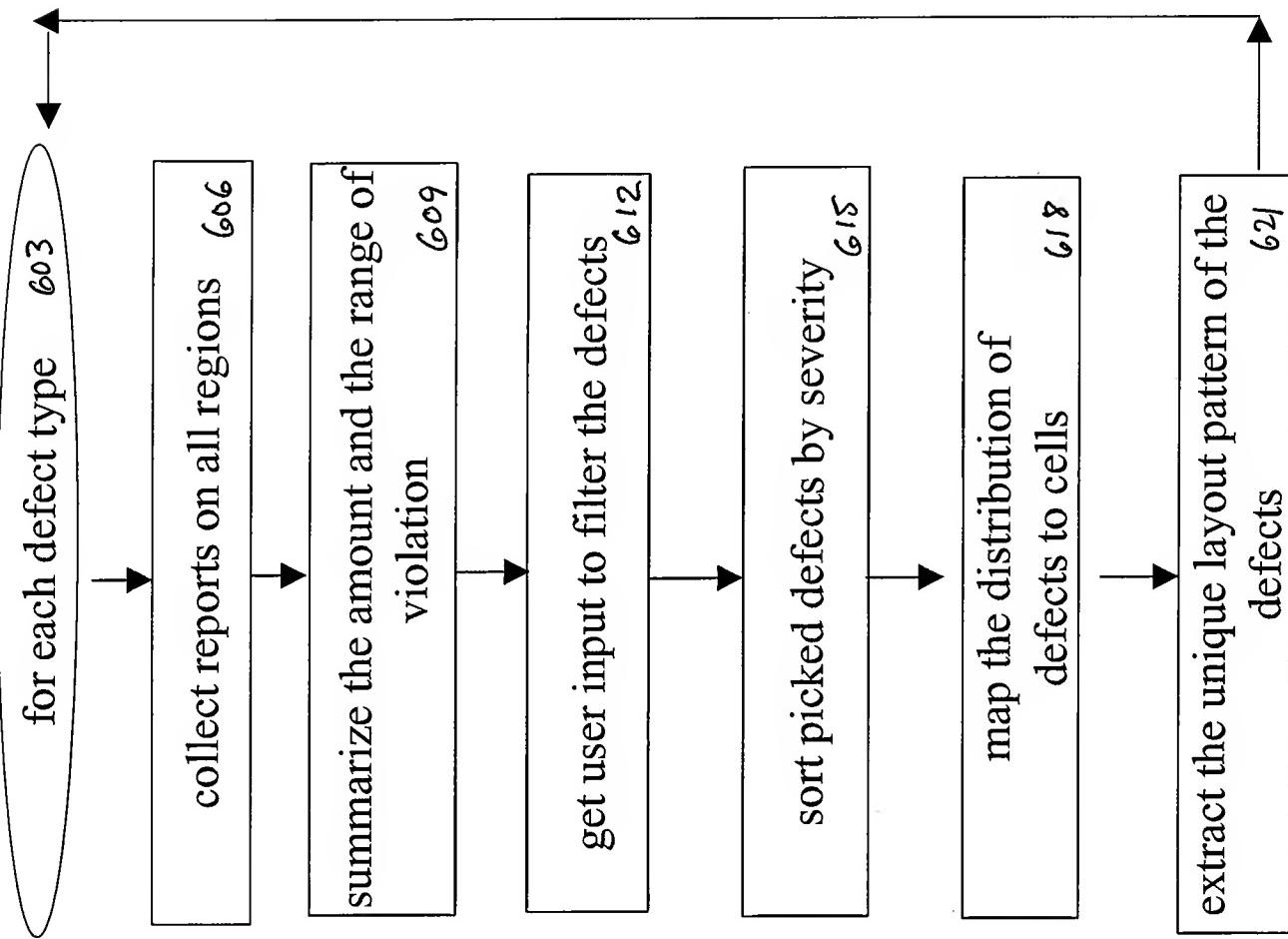


FIGURE 6

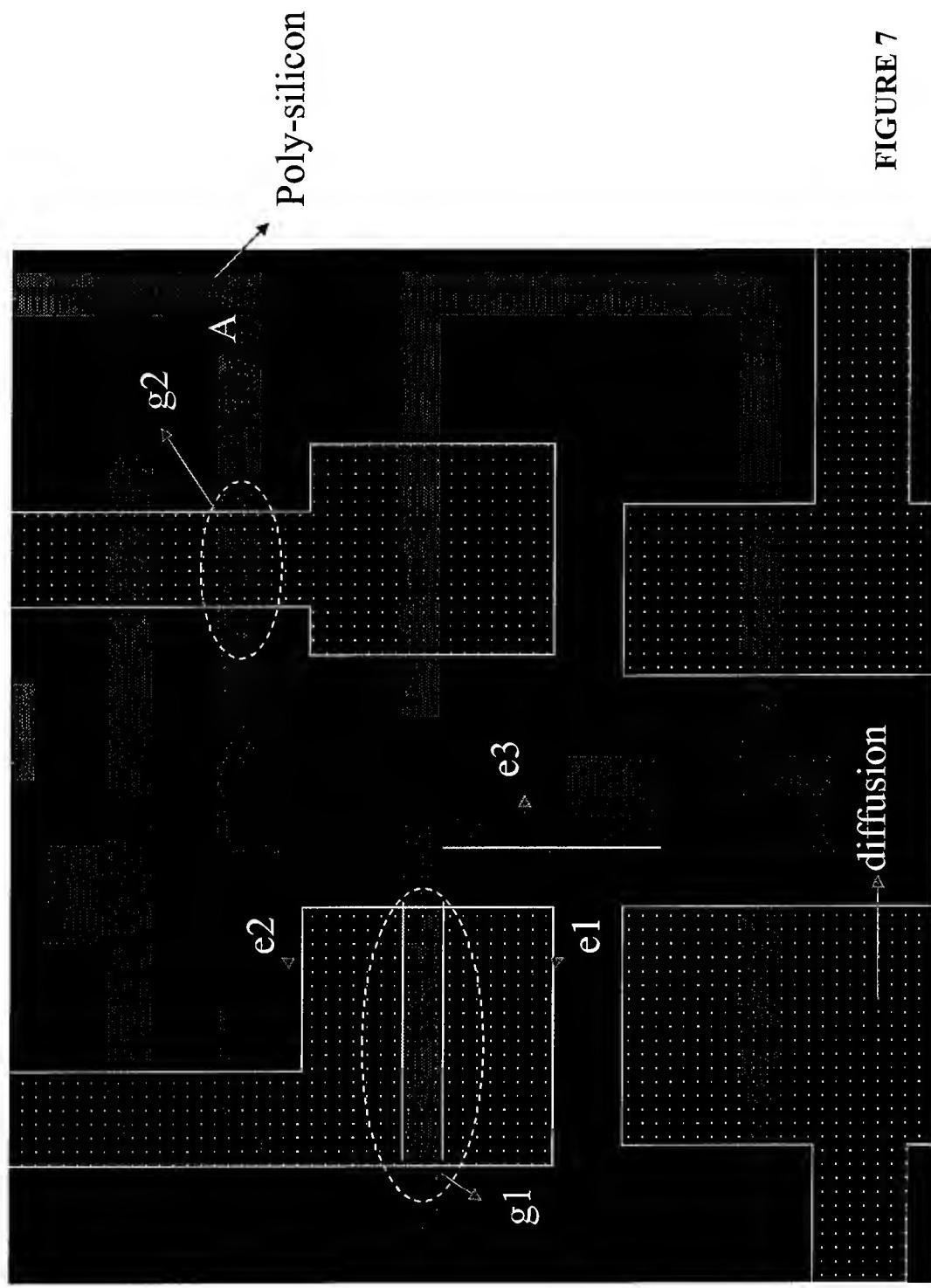


FIGURE 7

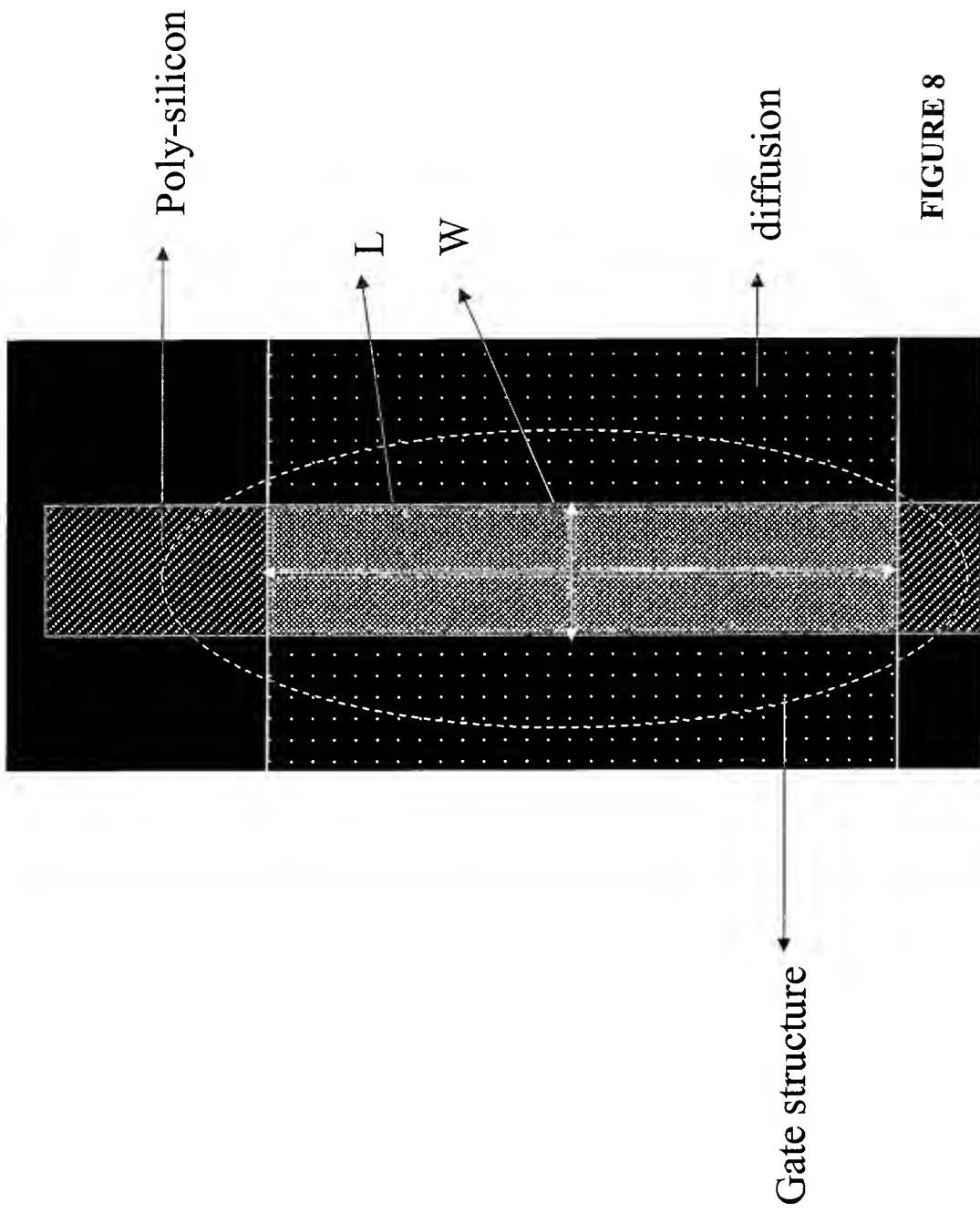


FIGURE 8

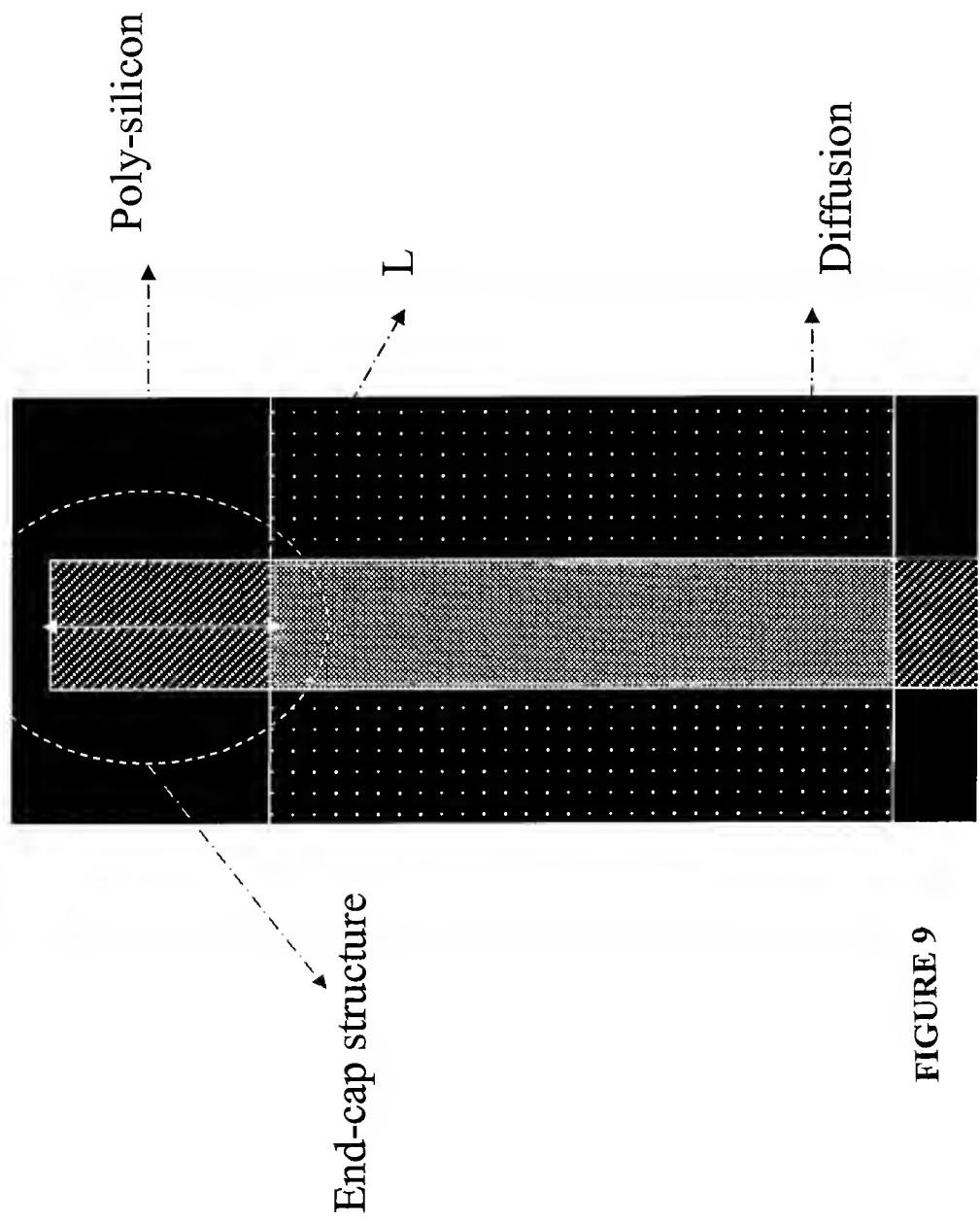


FIGURE 9

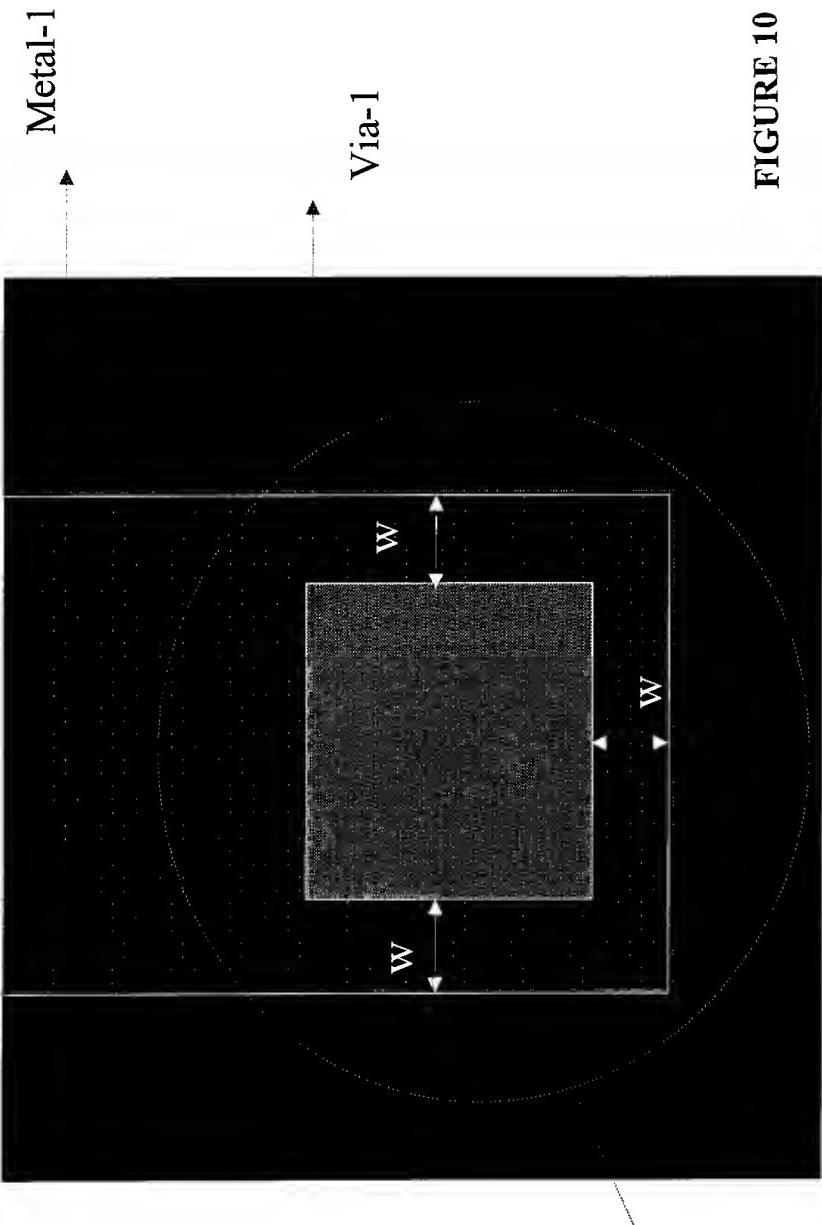


FIGURE 10

Metal-via structure

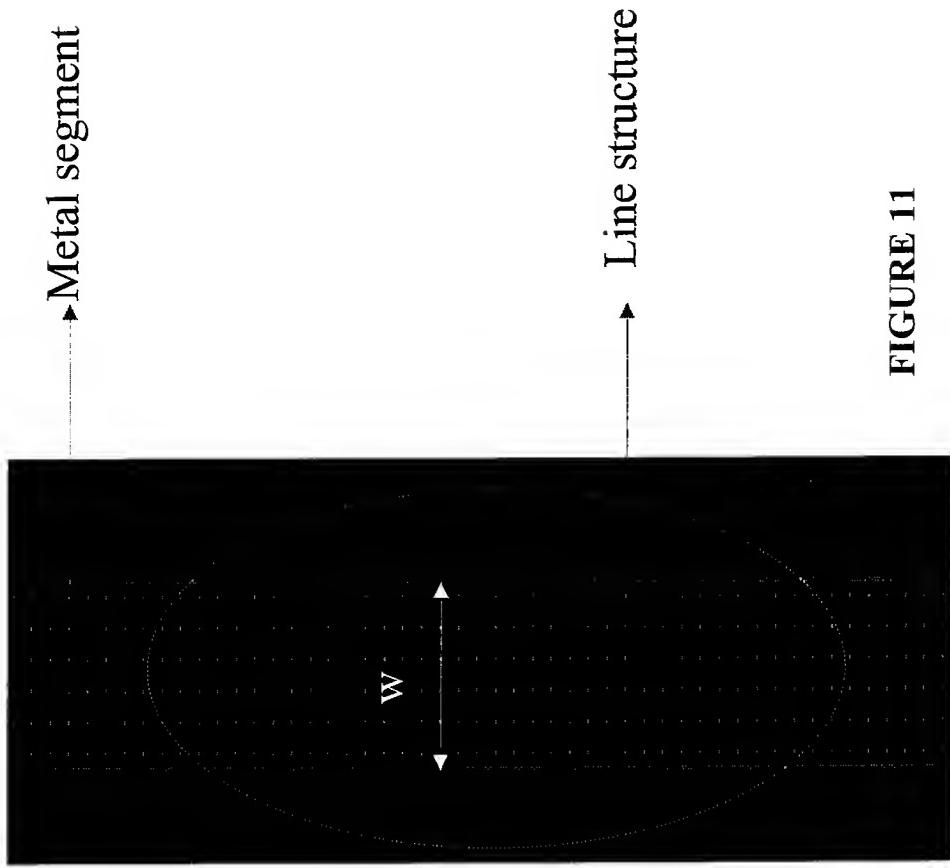


FIGURE 11

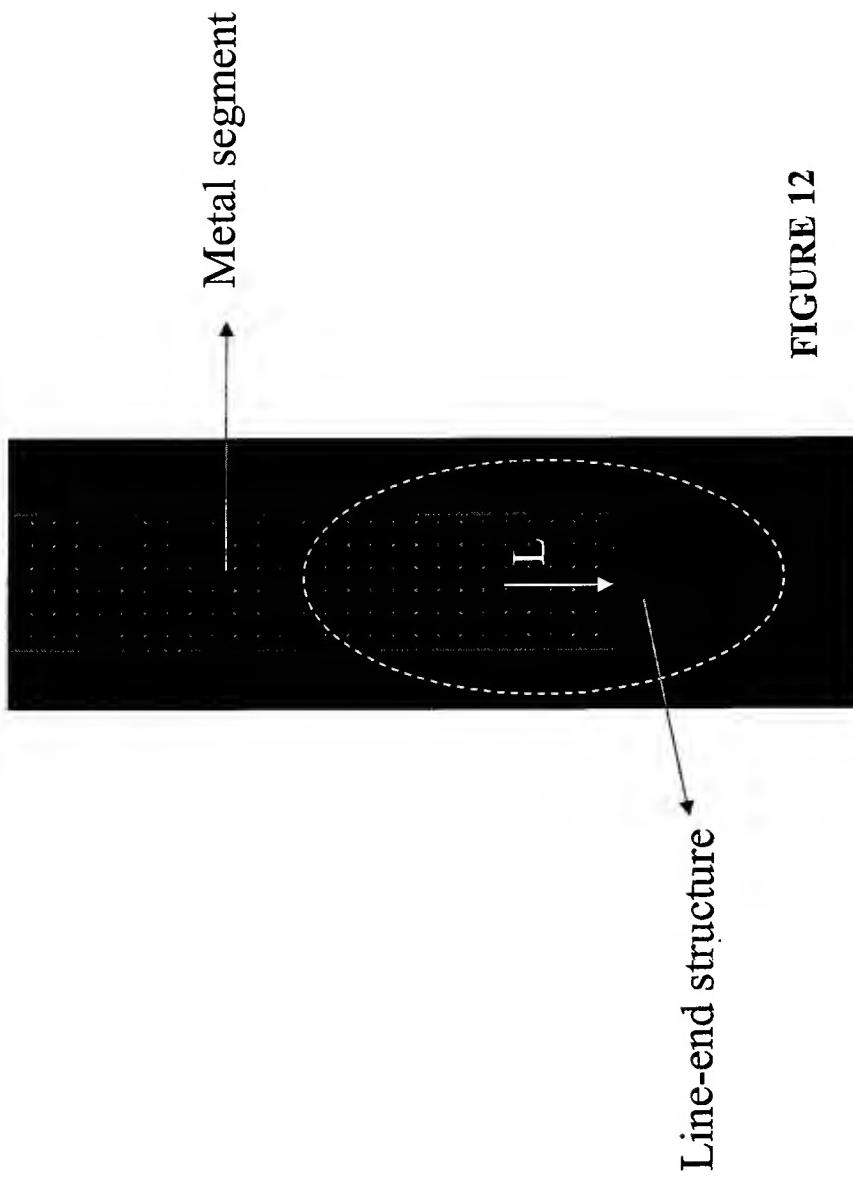


FIGURE 12

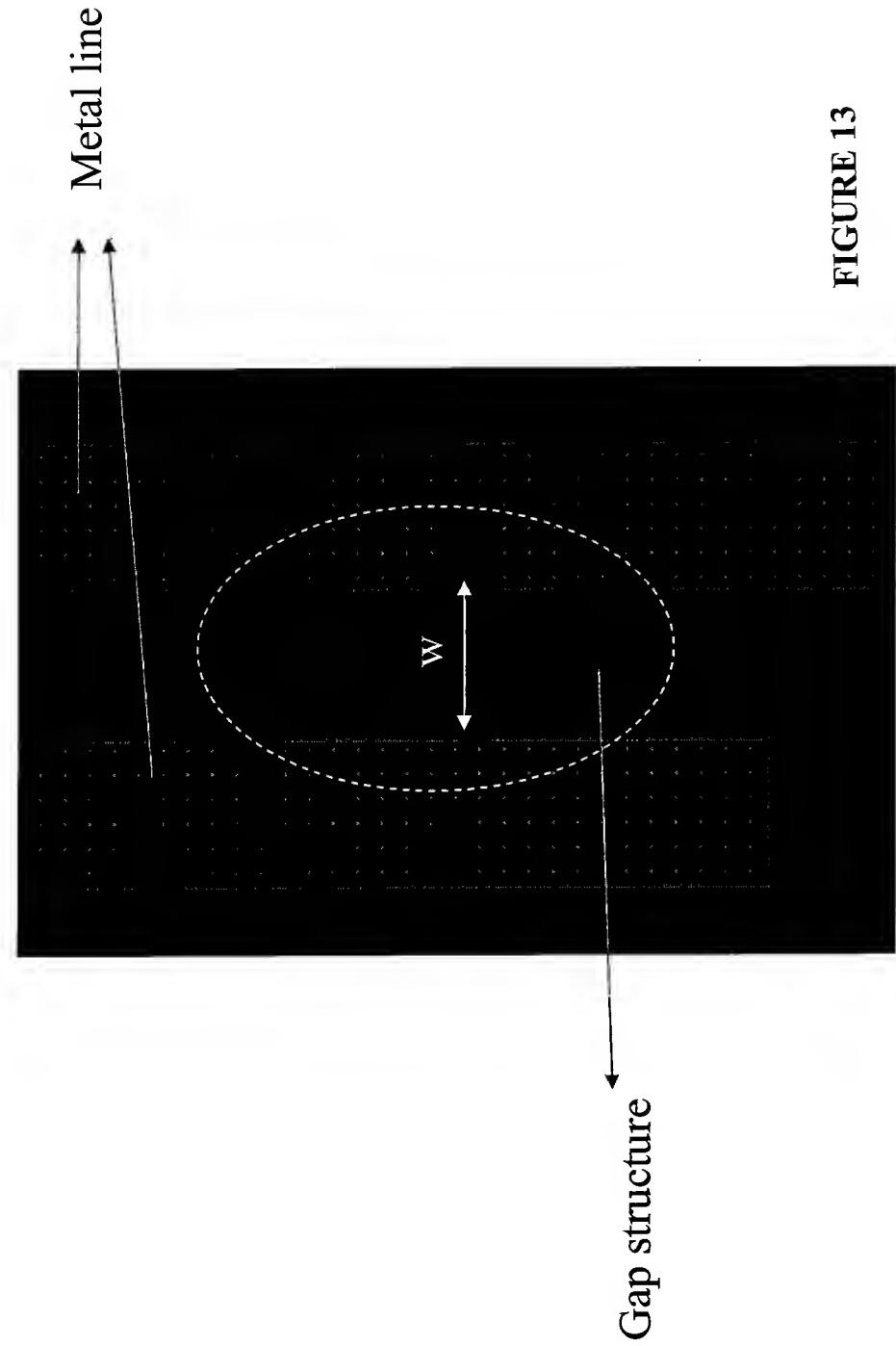


FIGURE 13

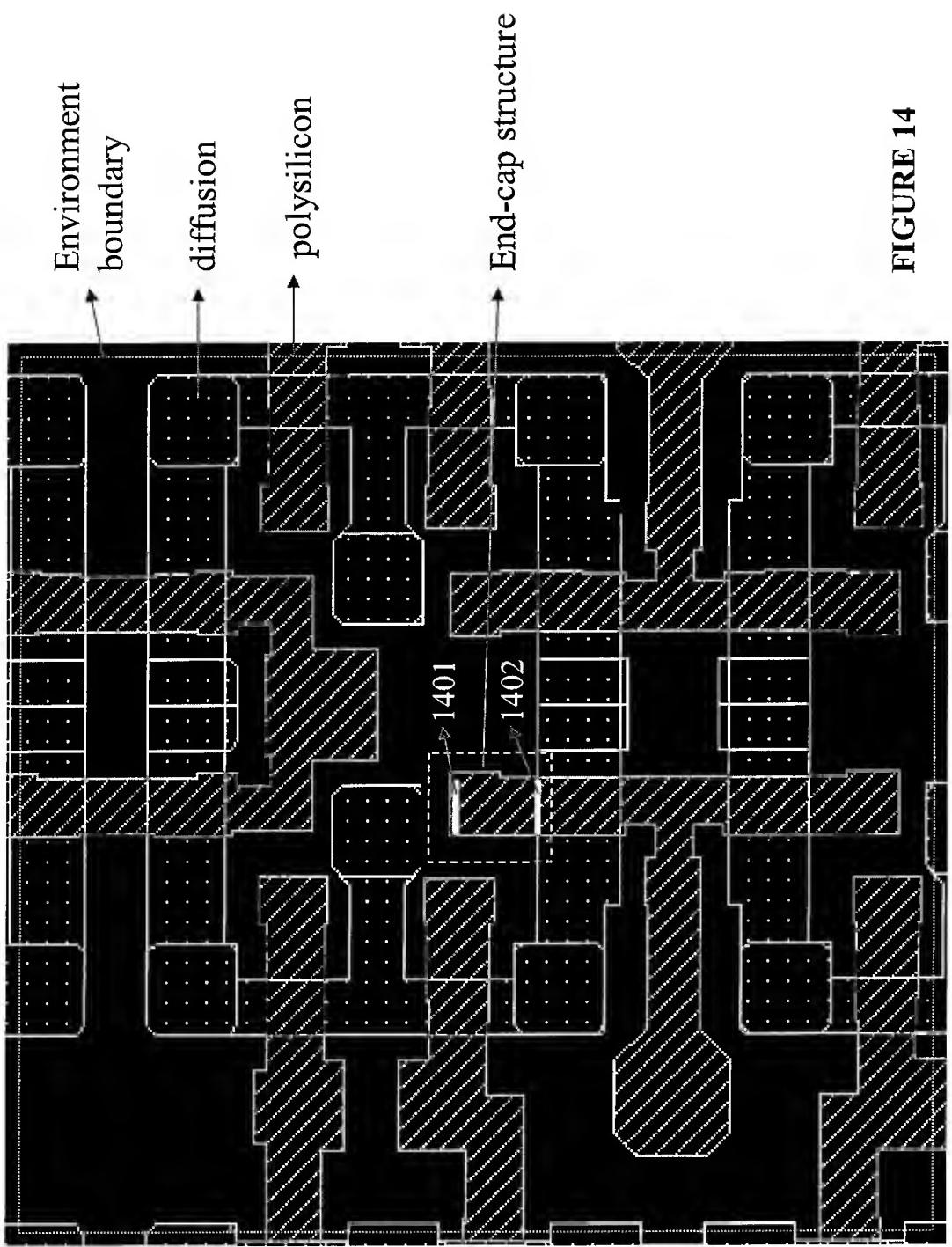


FIGURE 14

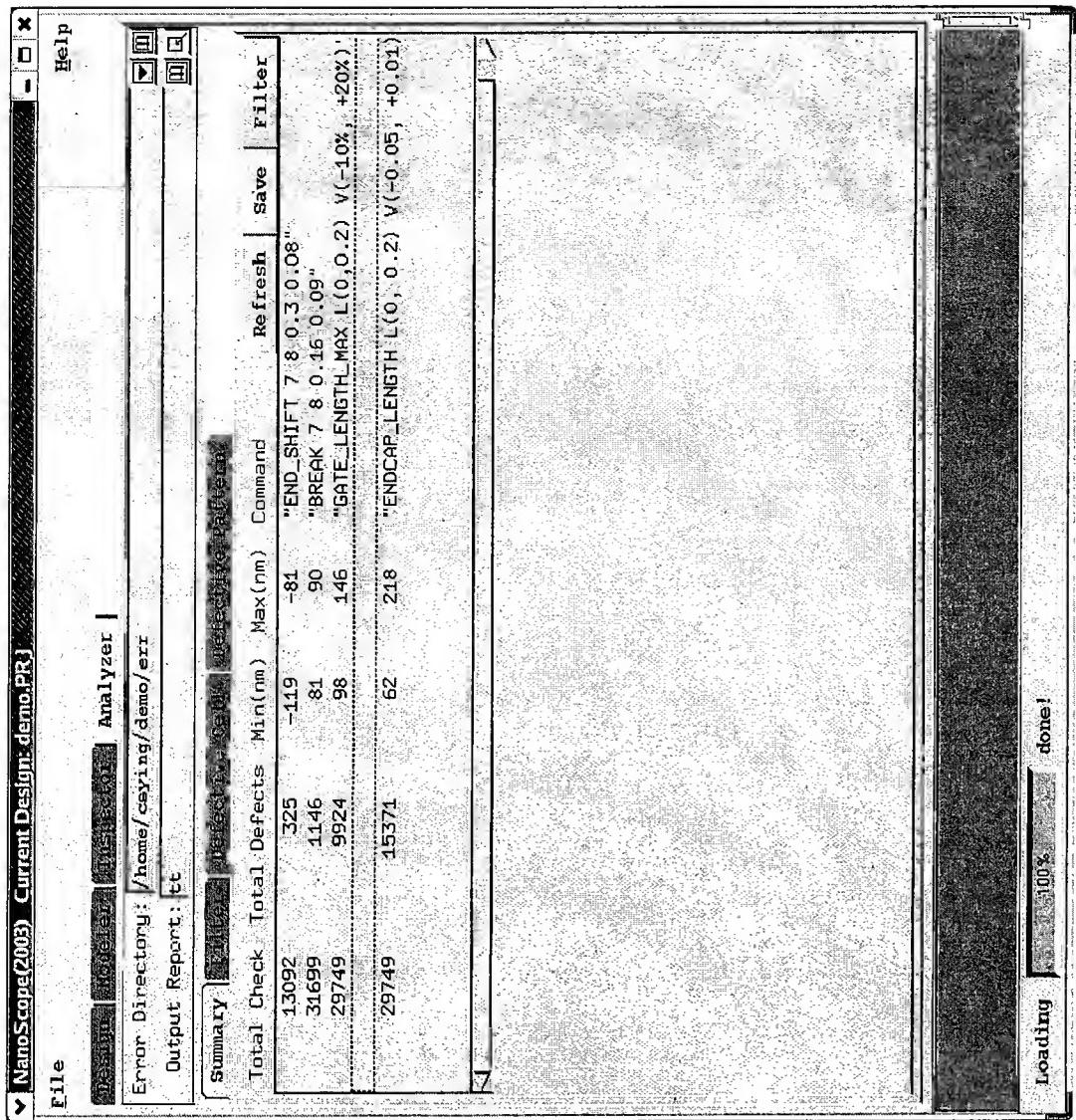
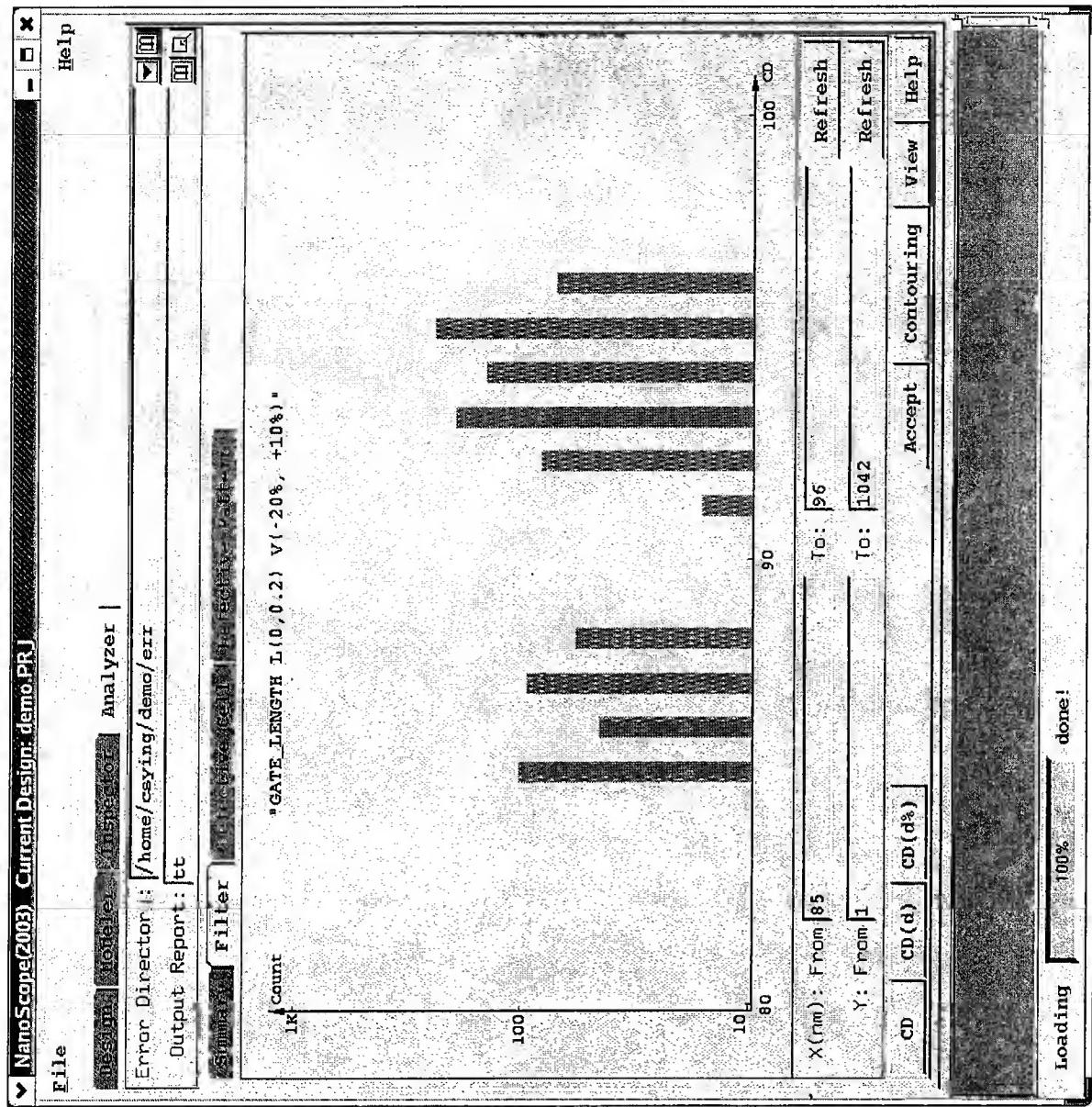


FIGURE 15



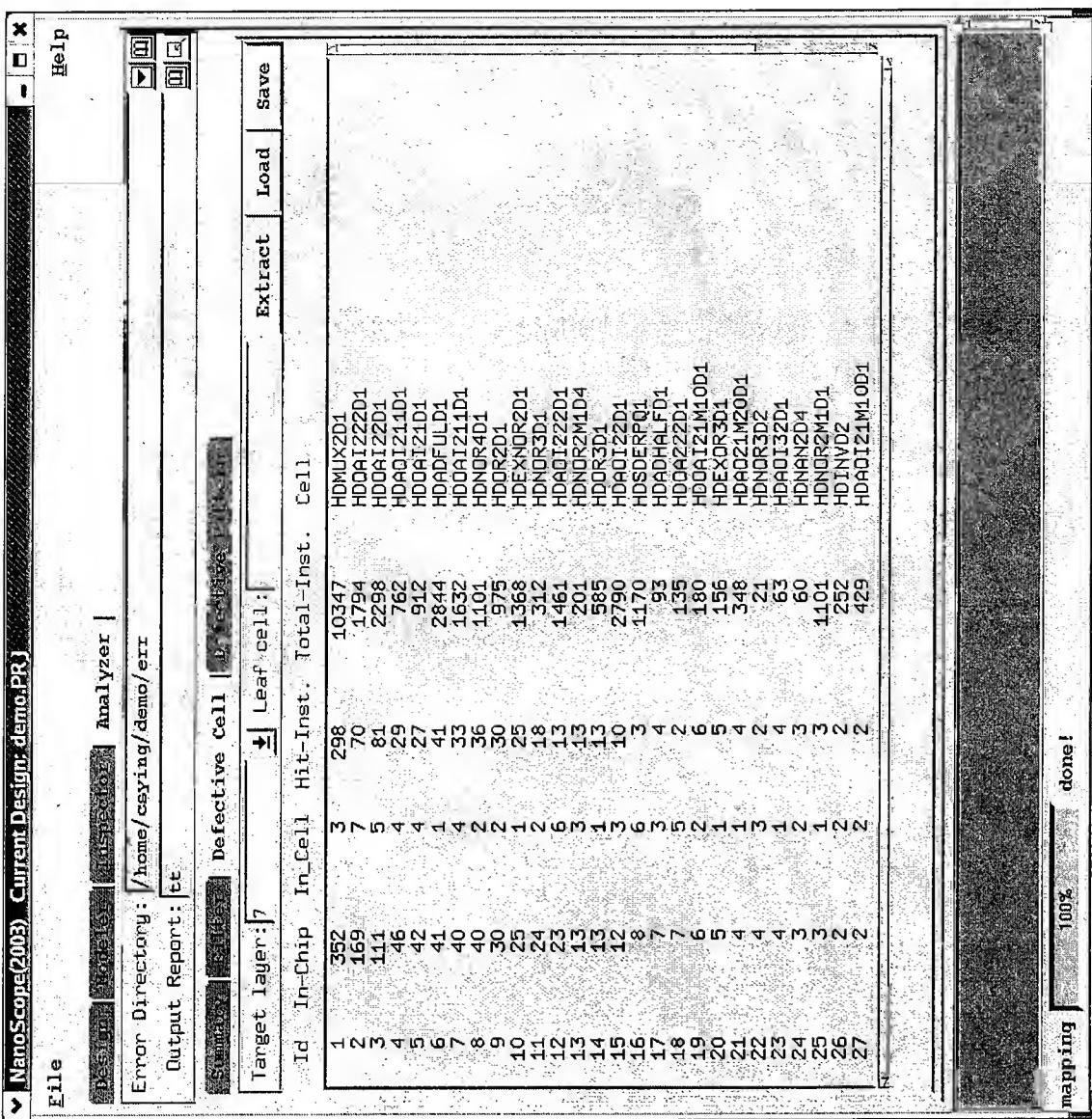


FIGURE 17

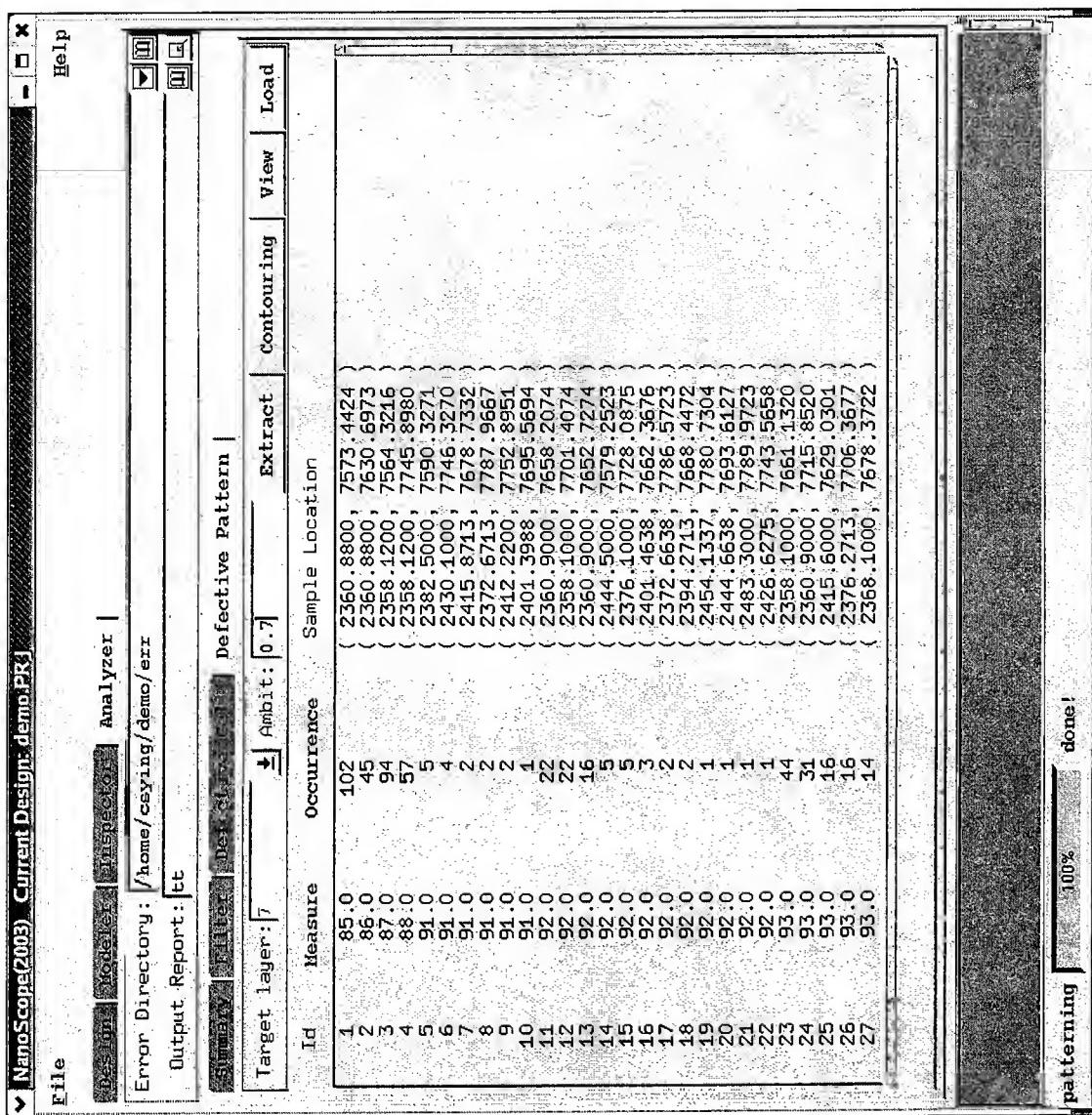


FIGURE 18

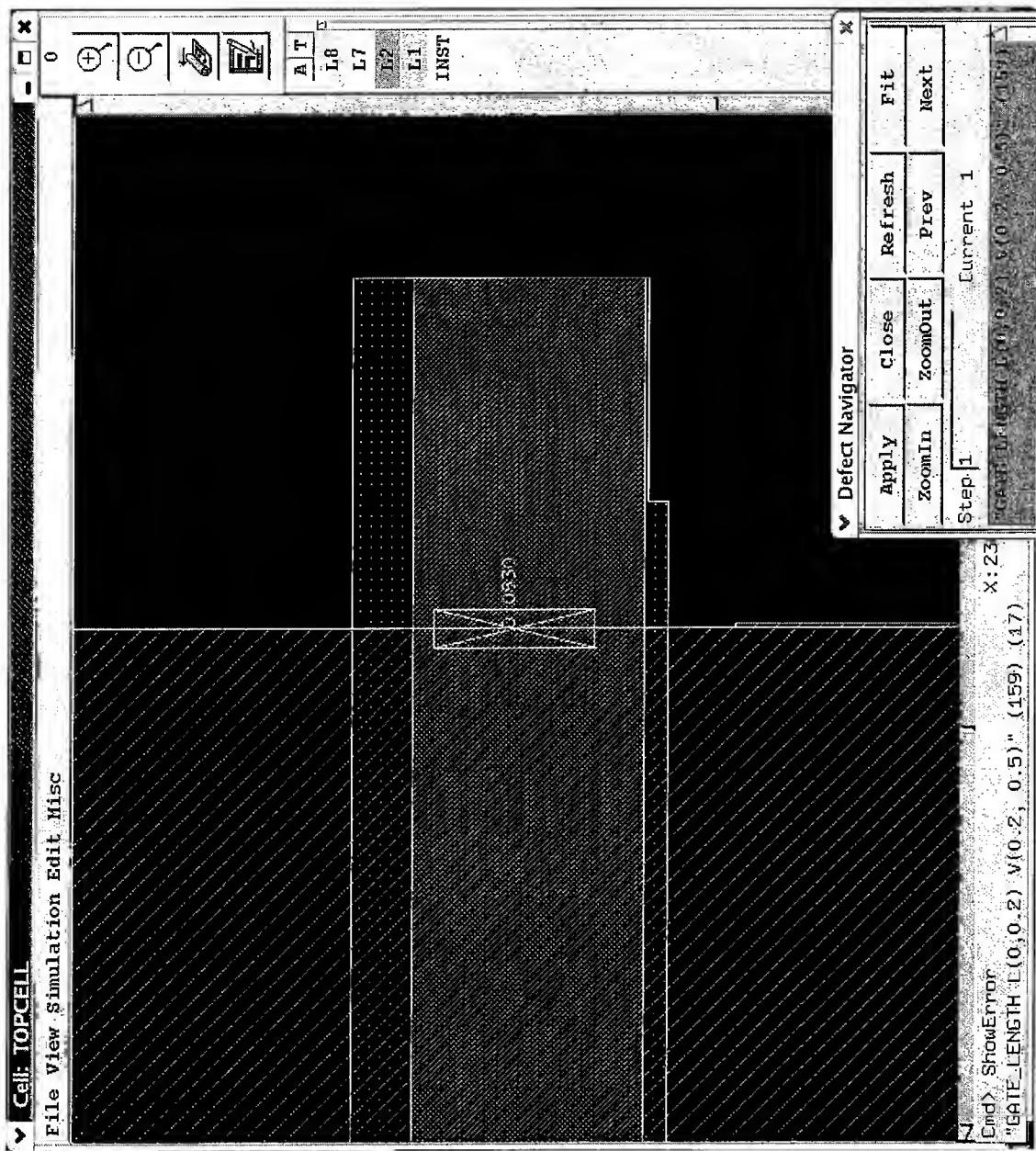


FIGURE 19